

Optional Pre-Conference Renewable Energy Tour (*Pick ONE Only, cost is additional to Registration Fee*)

Weather permitting, these half-day guided tours will take you to some of Maui's existing renewable energy facilities and systems that harvest energy from biomass, irrigation water, wind, waste heat, used cooking oil, and the sun. Wear closed-toe shoes, long pants and hang on to your hats. Bottle of water, sunglasses, camera and wearing sunscreen are suggested. Lunch is included. For latest information, check UPDATES.

Tour 1

Kaheawa Wind Farm

See at close range Hawaii's largest wind farm. With 20 GE 1.5 megawatt turbines, this facility could produce up to 9% of Maui's electricity during peak hours, saving an equivalent of 600 barrels of oil per day.

<http://www.kaheawa.com/kwp/>

Maui Electric High-Efficiency Combustion Turbine

Learn how waste heat of combustion is converted to electricity

<http://www.heco.com/portal/site/meco/>

Start time: 9:30 a.m. @ Ocean Center parking lot (Carl's Jr. side). Special van will take group to the Kaheawa Wind Farm, about 1 ½ hours. After Wind Farm tour, group will transfer to another van for short trip to MECO's Maalaea power plant. Lunch provided at the power plant. Return to parking lot @ 12:30 p.m.

Tour 2

HC&S Biomass and Micro-Hydroelectric Plant

Find out first-hand about the oldest renewable energy plant in Hawaii, and weather permitting get a close-look of irrigation-water-powered hydroelectric plant

<http://www.hcsugar.com/>

Start time: 9:30 a.m. @ HC&S parking lot (by Hansen Rd.). Weather permitting, vans will leave for the hydro plant, to be back at the HC&S parking lot by 10:30 a.m. After brief introduction and safety instruction at the HC&S meeting room, tour will go over bagasse production, boiler operation and electricity generation. Lunch provided at the meeting room, ends at 12:00 p.m.

Tour 3

Pacific Biodiesel

Understand how waste cooking oil is turned into renewable fuel

<http://www.biodiesel.com/>

Hawaii PV Coalition

Guided by the members of this non-profit organization, find out how residents and businesses are powering their homes and buildings with sun's energy

<http://www.hawaiipvcoalition.org/>

Start time: 9:30 a.m. @ Maui Mall parking lot (near Wendy's). Vans will travel to Pacific Biodiesel facility behind the Central Maui Landfill. After visit, each van guided by solar tour escort will visit five solar PV installations in Central Maui area. Lunch provided at last stop, returning to Maui Mall parking lot @ 12:30 p.m.